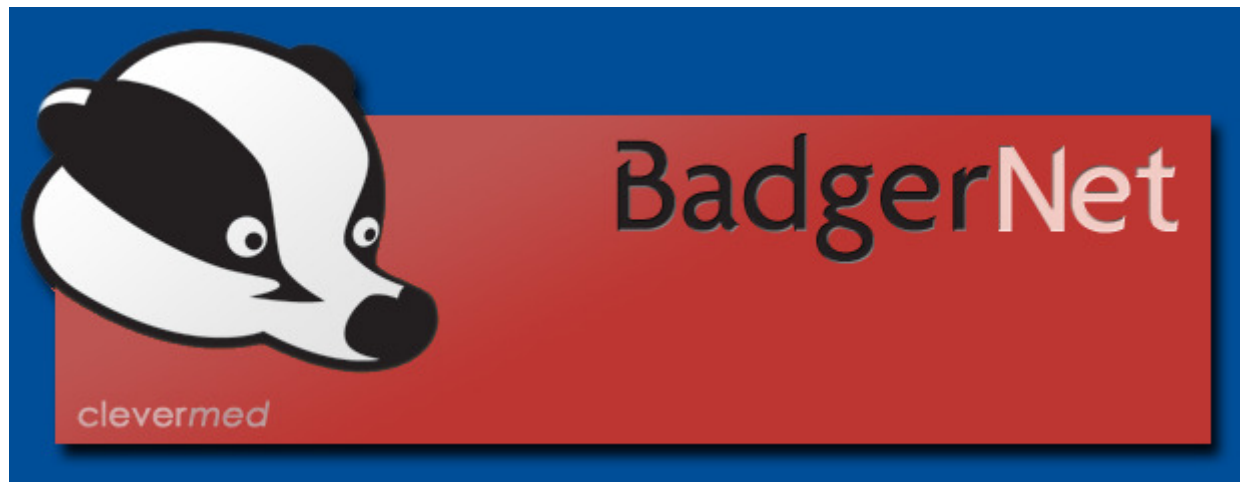


User Manual




The new homepage

[Link back to home page](#)

The same as
Badger3

List of patients by various medical criteria.
Previously available on the Data Quality tab


[Patient Lists](#)
[Unit Daily Update](#)
[Data Quality](#)
[Unit Reports](#)
[Library](#)
[Help](#)

Previously on the Unit Reports Website

BadgerNet



Patient Selection

■ Select existing baby care episode...

Select existing or
add new baby

[Help / User Guides](#)

■ FAQ

User Details

- User log-in...

BadgerNet News

- Latest BadgerNet news

Service Desk

Login in to access Service Desk

Service desk
access

UK Neonatal Configuration Updates

[08 Nov 11 - Neonatal release notes...](#)

[10 Oct 11 - Neonatal release notes...](#)

[19 Sep 11 - Neonatal release notes...](#)

 [Click here to log in...](#)

TEST SYSTEM SYSTEM

07 Dec 11 13:35

Select existing baby

You can enter any text detail in the search box to search for patients; First name, Surname, partial name, NHS number

Other search options

Select existing or add new baby
Find existing baby care episode or create a new baby / episode of care

Default Baby Search

Returned 3 results.

	National ID	Name	DOB	Admitted	Discharged	Gest	BW
♀	T:KTUYAHZPX1	SMITH, Toby	20 Oct 11	05 Dec 11		32	1200
♂	T:7NKG34EX61	GOOGOO, Baby	02 Dec 11	02 Dec 11		26	760
♂	T:GVKQ9SPI31	RUBBLE, Bambam	08 Nov 11	08 Nov 11		28	820

Other search options:

- Default baby search
- Currently admitted
 - Now in unit
 - Temporary NHS Num
 - Now in Bradford Tea
- Discharged
- Specific groups

If you chose to 'Select no baby' the option to 'Create new baby care episode' will appear on the home page underneath the select baby option. Alternatively you can select 'Create new baby episode now' from this search box, this will open the same 'New Patient Care Episode' box

Basic baby list parameters

List parameters

Care location:

National / Local ID:

Surname:

Forename:

DOB Range: From to

Admission Date Range: From to

Discharge Date Range: From to

Gestation at birth: From to weeks

Birthweight Range: From to grams

Resulting list

Limit to: ☐ 10 ☒ 100 ☐ 1000 ☐ 10000 records

By clicking on 'List Parameters' you can now select to search the patient list by your chosen criteria

New Patient Care Episode

This form is used to create a new admission. The key data required to create the admission are

- NHS Number
- Surname
- Date & Time of Admission

New Neonatal Admission

New Patient Care Episode
Select type of care episode and core baby details below...

New Care Episode

Episode location: ?

Episodetype:

Patient Essential Details

NHS / CHI Number: [NHS Create temporary National ID](#)

Baby's Local Hospital/Clinic/Episode ID:

Surname:

Forename:

Sex: ☐ Female ☐ Male ☐ Indeterminate

Date and Time of Birth: at

Birth Order: of

Working Gestation: Weeks Days

Birthweight: grams

Neonatal Unit Admission

Admission time: at

Admitted from:

[Admitted from this hospital](#)

Principal category of admission:

Principal Clinical Reason for admission:

You have the option to enter other key data at the point of creating the new admission such as basic birth details (formally found in the General Baby Details form) and principle admission details (formally found in the Admission details form).

Basic baby summary
Previously in the left hand menu of
the baby's home page

Baby Home Page

The screenshot shows the 'Baby Home Page' for a patient named T:GVKQ9SPI31 RUBBLE, Bambam. The page is divided into several sections: a left-hand menu, a main body with multiple columns, and a bottom section with key details and events.

Left-hand menu: Contains icons for 'start', 'notes', 'charts', and 'reports'.

Main body sections:

- Clinical Summary:** A red circle highlights this section, which includes a summary for Wednesday 07 Dec 11, 'On this date' (Day 30 of life, Corr. gest. age is 32 weeks, 5 days, No recorded weight, Working weight 835g (08 Nov), Cannot calculate BAPM Care Level, Cannot calculate HRG value), 'Management to this date' (1 Intensive care day, Not Ventilated), 'Screening summary in stay to this date' (No Ultrasound this stay, No ROP Screening done to date this, No Blood Spot Screen this stay, No Hearing Screen this stay), 'Diagnosis to this date' (No diagnosis recorded), and 'Drugs to this date' (No drugs recorded).
- Details at birth:** Includes details at birth, Previous Pregnancies, Pregnancy, Labour / Delivery, and Parents.
- Admission:** Includes Admission details, GP details, CRIB II, Newborn examination, Admission Summary, and Centile Chart.
- Discharge:** Includes Discharge details, Discharge letter, and 2-Year follow up.
- Audit:** Includes Research projects and National Neonatal Audit.
- During stay:** A red circle highlights this section, which includes Added comments, Cranial Ultrasound, Radiology, Abdominal XRay, Blood, CSF, Urine culture, Biochemical screening, ROP screening, Immunisations, Hearing test, and Echocardiograph. Below this is a 'Daily summary data' table with dates from 08 Nov 11 to 14 Nov 11, indicating missing daily summary data for most days.
- Ad-Hoc Event Forms:** A red circle highlights this section, which includes Added comments, Cranial Ultrasound, Radiology, Abdominal XRay, Blood, CSF, Urine culture, Biochemical screening, ROP screening, Immunisations, Hearing test, and Echocardiograph.
- Daily Data Forms:** A red circle highlights this section, which includes the 'Daily summary data' table.
- NNAP Episodic Form:** A red circle highlights this section, which includes 'Things to do' and 'NNAP'.
- Data Quality Check Lists:** A red circle highlights this section, which includes 'Details at Birth and Admission' (Place of birth, Intended place of delivery, GP Postcode) and 'Day Summary Forms' (08 Nov 11 - Daily data not marked as complete).

Bottom section:

- Key details:** Admitted to unit 08 Nov 11 at 12:32, Today: Day 30 of life, Corr. gest. age is 32 weeks, 5 days, Episode 1 of 1.
- Key events during stay:** No ROP Screening done during this stay.
- Reminders:** Update today's daily summary, ROP Screening due.

Ad-Hoc Event Forms
Previously in the middle column of
the main body of the baby's home
page

Daily Data Forms
Previously at the top of the left
column of the main body of the
baby's home page

NNAP Episodic Form

The basic care summary that used
to be on the left hand side of the
home page is now located here.
There is no longer a graphic
representation

Data Quality Check Lists
Previously located in the left hand
column of the main body of the baby's
home page

Details at Birth

Details at birth

- Details at birth
- Previous Pregnancies
- Pregnancy
- Labour / Delivery
- Parents

The links in these lists now open one form with several tabs on it. In the old system these forms were separately listed under 'Baby and parents:', 'Pregnancy and delivery:' and the first episodic forms such as Admission details

The Baby Details tab (first in the list) contains the 'General Baby Details' elements such as demographics and basic birth details such as gestation. There is also a new 'Congenital malformations' section with two boxes, the first box labelled 'Diagnoses' uses the same pick list/search facility present in the Badger3 system, where you can click on diagnoses to generate a list. The second box labelled 'Notes' is free text for additional information.

Admission

- Admission details
- GP details
- CRIB II
- Newborn examination
- Admission Summary
- Centile Chart

The 'Newborn examination' links to a separate form identical to the one of the same name in Badger3. The 'Admission Summary' output link generates a printable document essentially the same as the one from Badger3. The 'Centile chart' generates a printable version of the Centile chart again the same as Badger3.

Details at Birth and Admission

T:GVKQ9SPI31 RUBBLE, Bambam
Baby boy, singleton, born 08 Nov 2011 11:24 at 28+4 weeks weighing 820 grams.
Admitted 08 Nov 2011 12:32 from Bradford Teaching Foundation Trust. Now in unit - day 39 of stay.
Today (16 Dec 11): Day 39 of life. Corrected gestational age is 34 weeks, 0 days Working weight 835 grms

Baby Details

- Admission To Unit
- Parent Details
- Pregnancy Details
- Labour and Delivery
- GP and Professionals
- CRIB II
- Final Neonatal Outcome

Baby's Identification

NHS Number: T:GVKQ9SPI31 ☐ Verified: ☐ [NHS Create temporary NHS Number](#)

Baby's Local Hospital ID: RAE1234569

Badger ID: SPKV

Surname: RUBBLE

Forename: Bambam

Other/Previous Surnames:

Sex: ☐ Female ☒ Male ☐ Indeterminate

Non NHS patient: ☐ Yes ☐ No (Overseas patients only. DO NOT use for UK residents)

General information

Birth Order: 1 of 1

Date and Time of Birth: 08 Nov 11 at 11:24

Place of birth: Code:

[Place of birth is this hospital](#)

Birth Location:

Agreed gestation at birth: 28 Weeks 4 Days

Birth weight: 820 grams Between 5 and 10 centile

Head Circumference at Birth: cm

Length at Birth: cm

Baby's blood group:

Vitamin K given:

Route of administration of vitamin K:

Congenital malformations

Diagnoses:

Notes:

[Audit trail...](#) [Previous Tab](#) [Next Tab](#) [Save & Close](#) [Cancel](#)

Details at Birth and Admission

T:GVKQ9SPI31 RUBBLE, Bambam

Baby boy, singleton, born 08 Nov 2011 11:24 at 28+4 weeks weighing 820 grams.
Admitted 08 Nov 2011 12:32 from Bradford Teaching Foundation Trust. Now in unit - day 39 of stay.
Today (16 Dec 11): Day 39 of life. Corrected gestational age is 34 weeks, 0 days Working weight 835 grms

Baby Details
Admission To Unit
Parent Details
Pregnancy Details
Labour and Delivery
GP and Professionals
CRIB II
Final Neonatal Outcome

Admission to Unit

Date and Time Admitted08 Nov 11 at 12:32

Admitted toBradford Teaching Foundation TrustCode: RAE02

Neonatal Network-

Admitted fromBradford Teaching Foundation TrustCode: RAE02

Admitted from this hospital

Admission typeCannot Derive

Detail

Admission Details

Principal category of admissionNeonatal intensive care

Admissionweight grams Centile: Get birth weight

Admission Head Circumference cms Centile: Get birth head circ

Temperature measured after admission
Yes No Unknown
When recorded at

Temperature value °C.

Temperature not recordable Yes (outside range of thermometer)

BP on admission mmHg (Mean blood pressure)

HR on admission per min

Resp rate on admission per min

SaO2 on admission %

Blood glucose on admission mmol/L

Parents seen by senior staff
Yes No Unknown
Time first seen at

Time first seen

Principal Clinical Reason for admissionPreterm

Problems on admission

Lead consultant

Others consultants

Admission notes

Audit trail...
Previous Tab
Next Tab
Save & Close
Cancel

The second tab 'Admission to Unit' holds most of the fields previously found on the 'Admission details form' on Badger3. This is the tab where you record the obs at admission including the all-important temp on admission. As before you can list the key reasons for admission and make free text admission notes.

The third tab 'Parent details' is the same as the parent details form on Badger3 except with the addition of the number of previous pregnancies question which used to be on a separate form.

Details at Birth and Admission

T:GVKQ9SPI31 RUBBLE, Bambam

Baby boy, singleton, born 08 Nov 2011 11:24 at 28+4 weeks weighing 820 grams.
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Baby Details

Admission To Unit

Parent Details

Pregnancy Details

Labour and Delivery

GP and Professionals

CRIB II

Final Neonatal Outcome

Labour

Onset of labour

☒ Spontaneous
☐ Induced
☐ None

Meconium Stained Liquor

☐ Yes
☒ No

Labour history

Drugs in Labour

Date and Time Membranes Ruptured

 at

Duration of Membrane Rupture

 Hours

Maternal pyrexia in labour more than 38C

☐ No
☐ Yes
☐ Unknown

Intrapartum antibiotics given

☐ No
☐ Yes

Delivery

Presentation Immediately Before Delivery

Mode of Delivery

☐ Emergency caesarean - not in labour
☐ Emergency caesarean - in labour
☐ Elective section - not in labour
☐ Elective section - in labour
☐ Vaginal - forceps assisted
☐ Vaginal - spontaneous
☐ Vaginal - ventouse assisted

Baby delivered in water

☐ Yes
☒ No

Condition at birth

Offensive liquor?

☐ No
☐ Yes
☐ Unknown

Apgar Score at 1 min

☐ 0
☐ 1
☐ 2
☐ 3
☐ 4
☐ 5
☐ 6
☐ 7
☐ 8
☐ 9
☒ 10

Apgar Score at 5mins

☐ 0
☐ 1
☐ 2
☐ 3
☐ 4
☐ 5
☐ 6
☐ 7
☐ 8
☐ 9
☒ 10

Apgar Score at 10mins

☐ 0
☐ 1
☐ 2
☐ 3
☐ 4
☐ 5
☐ 6
☐ 7
☐ 8
☐ 9
☒ 10

Apgar Score at 20mins

☐ 0
☐ 1
☐ 2
☐ 3
☐ 4
☐ 5
☐ 6
☐ 7
☐ 8
☐ 9
☒ 10

Was cord clamping immediate

☐ Yes
☐ No
☐ Unknown

Time from birth to clamp

 mins secs

'Stripping' of blood from cord

☐ Yes
☐ No
☐ Unknown

Resuscitation

Resuscitation

Staff present at resuscitation

First gasp

 mins

Audit trail...

Previous Tab

Next Tab


Save & Close

Cancel

The fourth and fifth tabs 'Pregnancy Details' and 'Labour and Delivery' are essentially the same as the forms of the same names in Badger3

The sixth tab 'GP and Professionals' is again the same as the GP Details form in Badger3. You can still select to search for the GP details from the GP Database, the search box looks slightly different and now as well as being able to search by the surname or the postcode you can also search by any word in address such as a village or town name.

Details at Birth and Admission



T:GVKQ9SPI31 RUBBLE, Bambam

Baby boy, singleton, born 08 Nov 2011 11:24 at 28+4 weeks weighing 820 grams.
Admitted 08 Nov 2011 12:32 from Bradford Teaching Foundation Trust. Now in unit - day 39 of stay.
Today (16 Dec 11): Day 39 of life. Corrected gestational age is 34 weeks, 0 days Working weight 835 grms

Baby Details

Admission To Unit

Parent Details

Pregnancy Details

Labour and Delivery

GP and Professionals

CRIB II

Final Neonatal Outcome

Used to record the final outcome of any baby who has been transferred out from this unit or is still hospitalised at 1 year of age.

Final Neonatal Unit Outcome

Home



Ward

Died

Unknown


Final outcome notes


Previous Tab

 Audit trail...

Previous Tab

Next Tab

 Save & Close

 Cancel

The seventh tab 'CRIB II' is a simple form where you can enter the details (Temp & worst base excess) to calculate the CRIB II score if you wish.

The eighth tab 'Final Neonatal Outcome' is the same final outcome selection previously featured in the Baby Details form. In addition there is now a free text box where you can add outcome notes.

Discharge Details



Discharge

- Discharge details
- Discharge letter
- 2-Year Follow up

The 'Discharge letter' printable output is currently identical to that in Badger3 and is generated from the 'Discharge details' link, previously 'General Discharge details' listed in the episodic forms on Badger3.

Details at Discharge - Summary of stay details and discharge information.

T:GVKQ9SPI31 RUBBLE, Bambam
Baby boy, singleton, born 08 Nov 2011 11:24 at 28+4 weeks weighing 820 grams.
Admitted 08 Nov 2011 12:32 from Bradford Teaching Foundation Trust. Now in unit - day 39 of stay.
Today (16 Dec 11): Day 39 of life. Corrected gestational age is 34 weeks, 0 days Working weight 835 grms

Discharge details
Discharge letter details
Discharge Diagnoses (VON)

Discharge

Date and Time of discharged or death at

Discharge to

Data at time of Discharge

Discharge Address

Discharge Postcode

Weight grams

Length cms

Head Circumference cms

Milk at Discharge

Enteral Feeding at Discharge

Received own mothers milk during this admission ☐ Yes ☐ No ☐ Unknown ☐ Not applicable

Feeding Notes

Oxygen at Discharge ☐ Yes ☐ No

Apnoea/Cardiorespiratory/Saturation Monitoring at Discharge ☐ Yes ☐ No

Drugs at Discharge

The 'Discharge details' form now has three tabs. Tab one 'Discharge details' includes basic discharge info such as date, time and discharge destination and the general milk, weight, oxygen, follow up details etc that were located in the middle of the discharge form on Badger3.

Tab two 'Discharge letter details' is essentially the 'Clinical Summary of Stay' form but with the addition of the Principle Problems and Procedures section and the free text GP summary section from the discharge details on Badger3

Details at Discharge - Summary of stay details and discharge information.

T:GVKQ9SPI31 RUBBLE, Bambam
 Baby boy, singleton, born 08 Nov 2011 11:24 at 28+4 weeks weighing 820 grams.
 Admitted 08 Nov 2011 12:32 from Bradford Teaching Foundation Trust. Now in unit - day 39 of stay.
 Today (16 Dec 11): Day 39 of life. Corrected gestational age is 34 weeks, 0 days Working weight 835 grms

Discharge details
 Discharge letter details
 Discharge Diagnoses (VON)

Principal Problems, Treatments, and procedures

Get discharge summary items from data collected during stay...

Principal Diagnoses

Active Problems at Discharge Notes

Treatments/Procedures during stay

Principal Procedures

Respiratory summary

Diagnoses

Audit trail... Previous Tab Next Tab Save & Close Cancel

Tab three 'Discharge Diagnoses (VON)' is a yes/no tick list of Key diagnoses for the Vermont Oxford Network.

T:GVKQ9SPI31 RUBBLE, Bambam
 Baby boy, singleton, born 08 Nov 2011 11:24 at 28+4 weeks weighing 820 grams.
 Admitted 08 Nov 2011 12:32 from Bradford Teaching Foundation Trust. Now in unit - day 39 of stay.
 Today (16 Dec 11): Day 39 of life. Corrected gestational age is 34 weeks, 0 days Working weight 835 grms

Discharge details
 Discharge letter details
 Discharge Diagnoses (VON)

Key diagnoses for audit
 Based on the attached definitions (see ?) did the baby have these diagnoses - during this admission only:

Meconium Aspiration Syndrome	<input type="radio"/> No	<input checked="" type="radio"/> Yes	<input type="radio"/> Unknown	?
Respiratory Distress Syndrome	<input type="radio"/> No	<input type="radio"/> Yes	<input type="radio"/> Unknown	?
Transient tachypnoea of the newborn (TTN)	<input type="radio"/> No	<input type="radio"/> Yes	<input type="radio"/> Unknown	?
Patient Ductus Arteriosus	<input type="radio"/> No	<input type="radio"/> Yes	<input type="radio"/> Unknown	?
Necrotising Enterocolitis	<input type="radio"/> No	<input type="radio"/> Yes	<input type="radio"/> Unknown	?
Focal Gastrointestinal Perforation	<input type="radio"/> No	<input type="radio"/> Yes	<input type="radio"/> Unknown	?
Hypoxic ischaemic encephalopathy	<input type="radio"/> No	<input type="radio"/> Yes	<input type="radio"/> Unknown	?
Periventricular leucomalacia	<input type="radio"/> No	<input type="radio"/> Yes	<input type="radio"/> Unknown	?

Two Year Follow Up

Also listed in the discharge section is the 2-year follow up form. This form cannot be populated until the baby is at least 1 year old; if you open it early it will present a warning explaining this. The form includes various sections for assessment covering the same details as on the 2yr follow up form in Badger3.

The screenshot shows a software window titled "2 Year follow-up". On the left is a vertical list of assessment categories: Assessment, Neuromotor, Malformations, Social, Respiratory / CVS system, Gastro-intestinal Tract, Renal, Neurology, Growth, Development score, Bailey III, Griffiths, Schedule of growing, Auditory, Vision, Communication, and Neurological diagnosis. The main area of the window is empty. A modal dialog box is displayed in the center with the title "Cannot edit input form data". It contains an information icon and the text: "All fields in this form blocked until the baby is more than one year old." with an "OK" button. At the bottom of the main window, there are buttons for "Audit trail...", "Save & Close", and "Cancel".

Audit

Audit

- Research projects
- National Neonatal Audit

Research projects

Research medication

Enrolled in study

Baby received study drugs

The 'Research projects' link within the Audit section opens a form where you can record details of any studies the baby has been enrolled in. This was previously at the bottom of the 'Clinical Summary of Stay' form in Badger3.

The 'National Neonatal Audit' link opens the NNAP episodic form which is the same as in Badger3, including the recent update that has made it a largely read-only form because the data is collected through the other main clinical forms.

The data quality checks that were in the left hand column of the baby's home page on Badger3 are now at the bottom of the page. There are two standard categories of checks; 'Things to do' and 'NNAP'. The missing details are listed under a heading of which form they are in and as with Badger3 if you click on the problem it takes you directly to where the data must be entered.

Things to do

NNAP

Details at Birth and Admission

- Temperature measured after admission
- Temperature value
- Parents seen by senior staff
- Mother's NHS Number
- Intended place of delivery

Ad-Hoc and Daily Details forms

During stay

- Added comments
- Cranial Ultrasound
- Radiology
- Abdominal XRay
- Blood, CSF, Urine culture
- Biochemical screening
- ROP screening
- Immunisations
- Hearing test
- Echocardiograph

Daily summary data:

- 08 Nov 11 - Daily data not marked as complete
- 09 Nov 11 - Missing daily summary data
- 10 Nov 11 - Missing daily summary data
- 11 Nov 11 - Missing daily summary data
- 12 Nov 11 - Missing daily summary data
- 13 Nov 11 - Missing daily summary data
- 14 Nov 11 - Missing daily summary data
- Today - Missing daily summary data

Annotations:

- A red box encloses the 'During stay' list, with a line pointing to a box labeled 'Ad-Hoc Forms as on Badger3'.
- A line from the 'Blood, CSF, Urine culture' item points to a box labeled 'Blood spot form as on Badger3'.
- A line from the 'Daily summary data' section points to a box labeled 'Badger3's 'Daily Details form' is now called 'Daily Summary data''.
- A line from the 'During stay' list points to a box labeled 'New or amended Ad-Hoc forms'.

New forms

Added notes

T:GVKQ9SPI31 RUBBLE, Bambam
Baby boy, singleton, born 08 Nov 2011 11:24 at 28+4 weeks weighing 820 grams.
Admitted 08 Nov 2011 12:32 from Bradford Teaching Foundation Trust. Now in unit - day 41 of stay.
Note Entry Day 19 Dec 11: Day 42 of life. Corrected gestational age is 34 weeks, 3 days Working weight 835 grms

Added Comment


Note date and time: 19 Dec 11 at 11:57

Comment type: ☒ Medical ☐ Nursing ☐ Daily care note

Notes

The 'added notes' facility was available in Badger3 and could most easily be found at the bottom of the list of Ad-Hoc forms. In the BadgerNet version 'added comments' you can now specify whether the note is a medical, nursing or a daily care note and record the date and time of the note (which was previously just recorded as 'today')

Radiology

 **T:GVKQ9SPI31 RUBBLE, Bambam**
 Baby boy, singleton, born 08 Nov 2011 11:24 at 28+4 weeks weighing 820 grams.
 Admitted 08 Nov 2011 12:32 from Bradford Teaching Foundation Trust. Now in unit - day 41 of stay.
Note Entry Day 19 Dec 11: Day 42 of life. Corrected gestational age is 34 weeks, 3 days Working weight 835 grms

Date and time performed 19 Dec 11 at 11:55


Investigation done

Notes

Notes for discharge letter

New Form – There is a new Ad-Hoc form called ‘Radiology’ available in BadgerNet. In this form you can select to record details about other radiological examinations not covered previously (Abdo Xray/USS and Cranial USS). There is a pick list to select the examination and then a free text box for notes. There is a separate free text box that allows you to add comments to the discharge letter.

Echocardiograph

 **T:GVKQ9SPI31 RUBBLE, Bambam**
 Baby boy, singleton, born 08 Nov 2011 11:24 at 28+4 weeks weighing 820 grams.
 Admitted 08 Nov 2011 12:32 from Bradford Teaching Foundation Trust. Now in unit - day 41 of stay.
Note Entry Day 19 Dec 11: Day 42 of life. Corrected gestational age is 34 weeks, 3 days Working weight 835 grms

Date 19 Dec 11 at 11:57

Comments

Test carried out by

Designation

New Form – There is also a new form called ‘Echocardiograph’. In this form there is a free text box for comments and a box to record who performed the test and their designation.

Daily Summary Data

The layout of the daily details form has changed slightly in BadgerNet

To sign a day off now you must click on the flag which will then turn green. All incomplete fields will then default to No/None etc

There have been a few changes to the Daily Details form from Badger3. The obvious one is that now instead of one long form it has now been broken into sections which are split over different tabs displayed on the left hand side.

The first tab 'General Information' includes the top part of the old form; the location of care, daily weight, carer, nursing and monitoring status etc. In addition it now has two sections where you can record daily notes on any social issues and any parental communications. You can also add a comment to the discharge letter for these areas.

Day Summary

T:GVKQ9SPI31 RUBBLE, Bambam
Baby boy, singleton, born 08 Nov 2011 11:24 at 28+4 weeks weighing 820 grams. Admitted 08 Nov 2011 12:32 from Bradford Teaching Foundation Trust. Now in unit - day 42 of stay.
Note Entry Day - 19 Dec 11: Day 42 of life. Corrected gestational age is 34 weeks, 3 days Working weight 835 grms

General Information

General Details

Patient care date: 19 Dec 11

Location of care today: ☐ NNU ☐ TransCare ☐ PN ward ☐ Other obstetric area

Weight today: grams (complete only if baby actually weighed today)

Working weight: grams

Most recent head circumference: cm

Most recent length: cm

Requiring 1:1 nursing today: ☐ Yes ☐ No (sick/unstable)

Carer Status: ☐ Carer resident - Caring for baby ☐ Carer resident - Not caring for baby ☐ Carer not resident

Nursing Status: ☐ Barrier nursed ☐ Isolation

Observations/Monitoring: ☐ None ☐ Continuous ☐ Special ☐ Obs at regular intervals

Other specialty review today: ☐ Yes ☐ No

Any major surgery today: ☐ Yes ☐ No

Transported today: ☐ With Nurse Only ☐ With Nurse and Doctor ☐ With Paramedic ☐ Not transported

Social Issues/ Child Protection

Daily comments:

Comments for discharge summary:

Clinical Summary

Summary for Monday 19 Dec 11
At Bradford Teaching Foundation Trust

On this date:

- Day 42 of life.
- Corr. gest. age is 34 weeks, 3 days
- No recorded weight
- Working weight 835g (08 Nov)
- Cannot calculate BAPM Care Level.
- Cannot calculate HRG value.

Management to this date

- 1 Intensive care day
- Not Ventilated

Screening summary in stay to this date

- No Ultrasound this stay
- No ROP Screening done to date this stay.
- No Blood Spot Screen this stay
- No Hearing Screen this stay

Diagnosis to this date

- No diagnosis recorded

Drugs to this date

- No drugs recorded

You can also navigate between tabs using these buttons

An overview of the data you've entered for the day will be displayed here.

You can navigate between tabs by clicking on the names of the tabs on the left side.

The second tab 'Respiratory' contains the details relating to respiratory support/complications etc mostly the same as the section in Badger3. Again you can make daily notes or add comments to the discharge letter.

General information	
Respiratory	
Cardiovascular	
Gastrointestinal	
Neurology/NAS	
Ophthalmology	
Infections	
Metabolic/ Jaundice	
Haematological	
Renal/Genitourinary	
Skin	
Fluids and Feeding	
Other Problems	
Diagnosis, Procedures, and Drugs	

Ventilation / CPAP	<input type="radio"/> No ventilation or CPAP <input type="checkbox"/> Ventilation via ET tube / tracheostomy <input checked="" type="checkbox"/> CPAP <input type="checkbox"/> Nasal ventilation
Added oxygen/Flow device	With CPAP
Mode of ventilation	<input type="checkbox"/> Conventional <input type="checkbox"/> HFOV
Mode of CPAP	nCPAP(prong or mask)
Nasopharyngeal Airway in situ	<input type="radio"/> Yes <input type="radio"/> No
Nitric oxide	<input type="radio"/> Yes <input type="radio"/> No
ECMO today	<input type="radio"/> Yes <input type="radio"/> No
Significant apnoea today	<input type="radio"/> Yes <input type="radio"/> No <input data-bbox="1310 558 1355 606" type="button" value="?"/>
Pneumothorax today	<input type="radio"/> Yes <input type="radio"/> No
Chest drain present	<input type="radio"/> Yes <input type="radio"/> No
Tracheostomy present	<input type="radio"/> No <input type="radio"/> Acute <input type="radio"/> Chronic
Replogle tube in situ	<input type="radio"/> Yes <input type="radio"/> No
Surfactant given today	<input type="radio"/> Yes <input type="radio"/> No (Not including surfactant at resus)
Total surfactant dose given today	<input type="text"/> mg
Daily comments	<input type="text"/>
Comments for discharge summary	<input type="text"/> <input data-bbox="1601 997 1646 1029" type="button" value="?"/>

There are still ? icons which you can click on for definition advice. They will tell you in exactly which circumstances you should select yes for this data item.

Most of the tabs contain the same details/questions as the form from Badger3 but with the addition of notes boxes.

The infection tab is slightly different (partly in support of line associated infection audits). You are now asked whether there is suspected sepsis or a confirmed diagnosis and whether treatment is being given for CoNS or other organisms.

General information
Respiratory
Cardiovascular
Gastrointestinal
Neurology/NAS
Ophthalmology
Infections
Metabolic/ Jaundice
Haematological
Renal/Genitourinary
Skin
Fluids and Feeding
Other Problems
Diagnosis, Procedures, and Drugs

Diagnosis	<div>Suspected sepsis</div> <div>Bacterial sepsis/septicaemia (Gram +ve)</div> <div>Bacterial sepsis/septicaemia (Gram -ve)</div> <div>Meningitis – bacterial</div> <div>Fungal infection</div>
Treatment for suspected/confirmed infection	<div>Coagulase negative staphylococci</div> <div>Organisms other than CoNS</div>
Daily comments	<div></div>
Comments for discharge summary	<div></div>

The Renal tab has been added to ask whether there is a urinary catheter present; this is due to the BAPM 2011 care levels having this as a criteria.

The new haematological, skin and other problems tabs have been added simply to allow free comment on these clinical areas. There are no questions to be answered simply free text boxes.

Daily comments	<div></div>
Comments for discharge summary	<div></div>

General information
Respiratory
Cardiovascular
Gastrointestinal
Neurology/NAS
Ophthalmology
Infections
Metabolic/ Jaundice
Haematological
Renal/Genitourinary
Skin
Fluids and Feeding
Other Problems
Diagnosis, Procedures, and Drugs

Fluids and feeding

Parenteral nutrition today (TPN)
☒ Yes
☐ No

IV glucose and electrolyte solutions
☐ Yes
☐ No

Enteral feeds today

Method of feeding

Additives

Lines

Line in situ today

Transfusions

Full exchange transfusion today
☐ Yes
☐ No

Partial (dilutional) exchange transfusion today
☐ Yes
☐ No

Blood products today

Daily comments

Comments for discharge summary

The Fluids and feeding tab now contains several sections from the previous version of the form. Here you must record the feeding and fluids of the day, the lines in situ and any transfusions that have taken place. The categories in these areas are the same and you can still pick multiple options where relevant, the difference is that now they are all drop lists. If you select other method of feeding now you cannot enter a free text description, it is vital that if the baby is receiving any form of tube feeding you do not simply select other as this will not count towards your care level calculation.

General information	
Respiratory	
Cardiovascular	
Gastrointestinal	
Neurology/NAS	
Ophthalmology	
Infections	
Metabolic/ Jaundice	
Haematological	
Renal/Genitourinary	
Skin	
Fluids and Feeding	
Other Problems	
Diagnosis, Procedures, and Drugs	<div>Diagnoses</div> <div></div> <div>→ Include yesterday's diagnoses</div> <div>Ongoing management issues today</div> <div></div> <div>Operations / Procedures today</div> <div></div> <div>Investigations</div> <div></div> <div>Drugs given today</div> <div></div> <div>→ Get Yesterday's Drugs</div> <div>IV drugs given today</div> <div> <input type="radio"/> Yes <input type="radio"/> No </div> <div>Drug Infusion</div> <div></div> <div>Comments for discharge summary</div> <div></div>

The Diagnosis, Procedures and Drugs tab contains the drugs today section from the old version of the form (still with a search and select box and pull through from yesterday) but you can also select any infusions being given from a drop list. In addition there are new sections to record diagnoses to date (this is a search & select box), on-going management issues such as tube feeding, lines etc (also a search & select box), operations or procedures today (another search & select box) and investigations today such as cultures taken, radiology done etc (also a search & select box).

Other start tabs

Under the basic baby summary you'll see there are three tab options, the first (default) tab is the 'Baby Home Page' but next to this are two other tabs 'Data Quality Checks' and 'Care Episode History'.

Patient journey for T:GVKQ9SPI31
RUBBLE, Bambam
Create new baby care episode....

08 Nov 11 12:32 (now viewing) **Bradford Teaching Foundation Trust** Neonatal unit admission (1)

Admission

- RUBBLE, Bambam
- Admitted 08 Nov 11 at 12:32
- From Bradford Teaching Foundation Trust
- BadgerNet ID: 5PKV
- Hospital ID: RAE1234569

During stay

- 1 Intensive care day
- Not Ventilated
- No diagnosis recorded
- No drugs recorded
- No ROP Screening done to date this stay.

Discharge

- Now in unit - day 42 of stay.

[View discharge letter](#)

The 'Data Quality Checks' tab gives the full list of data quality errors for the baby, just like the summary on the home page, allowing you to link to the missing data.

The 'Care Episode History' displays the list (in order) of episodes for the baby. It presents a basic summary under the three headings of Admission, During stay and Discharge. So if a baby was transferred from Airedale to Bradford to Leeds and back to Airedale all four episodes would be displayed in the list with a basic summary, very similar to the summary presented in the left hand menu of the home page on Badger3.

Notes tab

The 'Notes' tab located underneath the 'Start' tab is very similar to the 'Patient data' tab in Badger3. The 'Daily summary' tab at the top presents the daily data as if you had click on 'Daily data' at the bottom of the left hand menu on the 'Patient data' tab in Badger3.

The screenshot displays the 'Notes tab' interface. At the top, there are tabs for 'Daily Summary' and 'Full Notes View'. Below these is a calendar for December 2011, with the date '18 Dec 11' selected. To the left of the calendar is a sidebar with icons for 'start', 'notes', 'charts', and 'reports'. The 'notes' icon is circled in red. Below the calendar is a section titled 'Daily summary data forms' with a link for 'Daily care summary for 18 Dec 11'. To the right of the calendar is a 'Clinical Summary' section with sub-sections: 'On this date', 'Management to this date', 'Screening summary in stay to this date', 'Diagnosis to this date', and 'Drugs to this date'. To the right of the clinical summary is a 'Day Summary' section with sub-sections: 'General information', 'General Details', 'Parental Communications', and 'Radiology'. The 'Day Summary' section is also circled in red. Arrows point from the text boxes to various elements in the interface.

Clinical Summary

- Summary for Sunday 18 Dec 11
- At Bradford Teaching Foundation Trust

On this date:

- Day 41 of life.
- Corr. gest. age is 34 weeks, 2 days
- No recorded weight
- Working weight 835g (18 Dec)
- BAPM Care level: High Dependency
- HRG: 2

Management to this date

- 1 Intensive care day
- 1 High dependency day
- Not Ventilated

Screening summary in stay to this date

- No Ultrasound this stay
- No ROP Screening done to date this stay.
- No Blood Spot Screen this stay
- No Hearing Screen this stay

Diagnosis to this date

- No diagnosis recorded

Drugs to this date

- No drugs recorded

Day Summary

General information

General Details

Date : 18 Dec 11
Care locn. : NNU
Reduced form for TC or PNWARD Show whole input form data :
Working wt. : 835 grams
Carer Status : Carer resident - Not caring for baby
Obs/Mon : Continuous
Transported : Not transported

Parental Communications

Daily comments : Test comment in Parental comms
Neurology/NAS
Tone : Normal
Consciousness : Normal

Radiology

When : 18 Dec 11 at 11:30
Investigation done : Hip ultrasound
Notes : erudszg rslyfgrw

You can also add any ad-hoc event forms or re-open the Daily summary by clicking on the links listed under common events.

Here you can view the right hand summary presented in any daily summary data form. Simply select the date you wish to view using the calendar and the summary will be presented in the middle while any additional notes (free text) or ad-hoc forms will be displayed on the right hand side.

You can re-open any of these forms for amendments by clicking on them here

The 'Full Notes View' allows you to see all forms completed for the admission instead of just forms for specific days.

The screenshot displays a medical software interface. On the left, a sidebar contains icons for 'start', 'notes', 'charts', and 'reports'. The main area features a calendar for December 2011. The 'Full Notes View' tab is selected and circled in red. The calendar shows the 10th and 18th of December highlighted. Below the calendar is a 'Filter' box with the following options:
○ Show all
☐ Daily summaries
☐ Ophthalmology
☐ Tests / Screening
☐ Immunisations
☒ Scans, XRay, Ultrasound
☐ Abdominal XRay
☐ General comments
The 'Scans, XRay, Ultrasound' option is selected. To the right of the calendar, two radiology form entries are displayed:
1. **10 Dec 2011** (Day 33 of life):
When : 10 Dec 11 at 00:00
Investigation done : CT scan of head
Notes : Test Radiology form
2. **18 Dec 2011** (Day 41 of life):
When : 18 Dec 11 at 11:30
Investigation done : Hip ultrasound
Notes : erudszg rslyfgrw

A useful feature is the filter box which allows you to select which types of forms you wish to view (Radiology in the example). This would allow you to see all RoP forms completed by clicking Ophthalmology for example. Again you can re-open and edit any forms by clicking on them in the main screen.

Charts tab

On the charts tab the user can access the Centile chart and a sequential data summary chart. The 'Daily summary data' chart lists the data recorded on a day to day basis for various fields and allows you to compare them easily.

The screenshot displays the 'Charts' tab interface. On the left is a sidebar with icons for 'start', 'notes', 'charts' (circled in red), and 'reports'. The main area shows the 'Daily summary data' chart, which is a table with columns for Date, Weight, Work wt, Head, Length, and various clinical parameters. A context menu is open over the 'Work wt' row, showing options: 'Add new 'Day Summary' at 00:00 - 08 Dec 11' and 'View as Trend'. The table is organized into sections: General Information, Respiration, Cardiovascular, Transfusions, Neurology, Lines, and Fluids and Feeding.

General Information										
Date										
Weight										
Work wt										
Head										
Length										
Respiration										
Resp Support										
Added Oxygen										
Mode Vent										
Cardiovascular										
Pulm Vasodilator										
Inotropes										
Transfusions										
Full Exch Trans										
Blood										
Neurology										
Convuls										
Lines										
Line In										
Fluids and Feeding										
TPN										
Feeds										

If you click on a row in the 'Daily summary data' chart you can also opt to view the data as Trend which plots a line across the days showing the change in values.

Reports tab

The Reports tab allows you to view and print various out puts – it is similar to the left hand menu of the home page on Badger3. You can print the admission summary, centile chart and discharge letter from this view. In addition you can now print two new features; a sheet with all the social issue comments you've recorded and one with all the parental communications you've recorded.

Live Patient Reports Archived Reports

start

notes

charts

reports

Admission Summary

Centile Chart

Social Issues / Child Protection Comments

Parental Communications

Discharge Letter

Bradford Teaching Foundation Trust NHS
Bradford Neonatology
Duckworth Lane, Bradford, West Yorkshire, BD9 6RJ.

Summary of care to 19 Dec 2011

Consultant: (No assigned consultant)
19 December 2011
(Generated 19 December 2011 17:24)

RUBBLE, Bambam (NHS No: T:GVKQ9SP131)
Baby boy, singleton, born 08 Nov 2011 11:24 at 28+4 weeks weighing 820 grams.
Admitted 08 Nov 2011 12:32 from Bradford Teaching Foundation Trust.
Local unit id: RAE1234569
Now in unit - day 42 of stay.

Confirm and save...

Another new option is the 'Confirm and Save' button. You can opt to save a copy of any of these reports at any stage of the episode when you do this a static copy of the report to date will be created and stored in the 'Archived Reports' tab.

If you have any system queries contact Lauren Cottrell Network Data Manager
01274 364920 or lauren.cottrell@bthft.nhs.uk